

Product datasheet for **TP302406M**

UCK2 (NM_012474) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human uridine-cytidine kinase 2 (UCK2), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC202406 protein sequence
Red=Cloning site **Green**=Tags(s)

MAGDSEQTLQNHQQPNGGEPFLIGVSGGTASGKSSVCAKIVQLLGQNEVDYRQKQVWILSQDSFYRVLTS
EQKAKALKGQFNFDHPDAFDNELILKTLKEITEGKTVQIPVYDFVSHSRKEETVTVYPADWVLFEGILAF
YSQEVRLDFQMKLFVDTADTRLRRLVLRDISERGRDLEQILSQYITFVKPAFEFECLPTKKYADVIIPR
GADNLVAINLIVQHIQDILNGGPSKRQTNGCLNGYTPSRKRQASESSSRPH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 29.1 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_036606](#)

Locus ID: 7371

UniProt ID: [Q9BZX2](#)



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RefSeq Size: 4940

Cytogenetics: 1q24.1

RefSeq ORF: 783

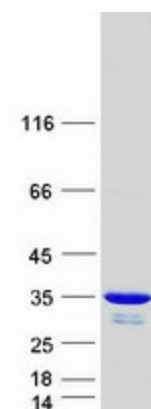
Synonyms: TSA903; UK; UMPK

Summary: This gene encodes a pyrimidine ribonucleoside kinase. The encoded protein (EC 2.7.1.48) catalyzes phosphorylation of uridine and cytidine to uridine monophosphate (UMP) and cytidine monophosphate (CMP), respectively.[provided by RefSeq, Oct 2010]

Protein Families: Druggable Genome

Protein Pathways: Drug metabolism - other enzymes, Metabolic pathways, Pyrimidine metabolism

Product images:



Coomassie blue staining of purified UCK2 protein (Cat# [TP302406]). The protein was produced from HEK293T cells transfected with UCK2 cDNA clone (Cat# [RC202406]) using MegaTran 2.0 (Cat# [TT210002]).